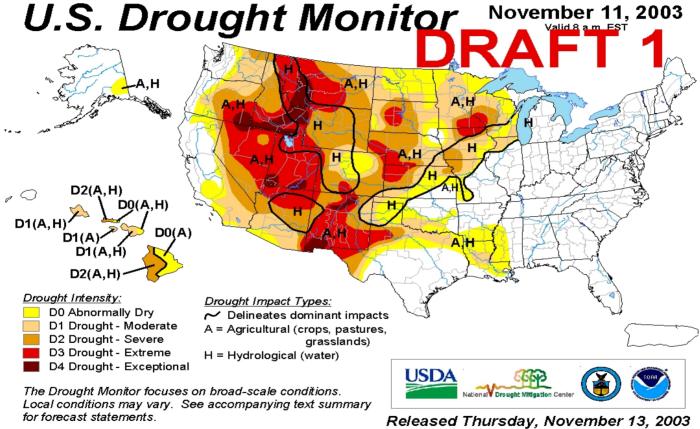
DNR Drought Assessment Committee Meeting November Presentation Nov. 13, 2003

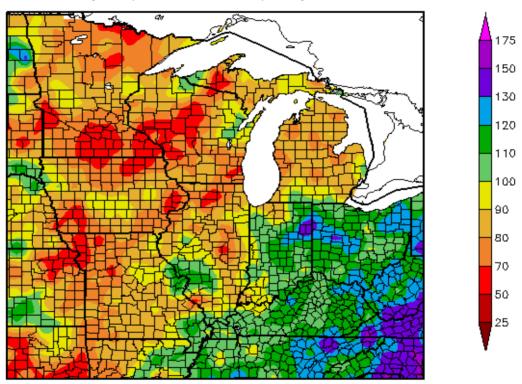




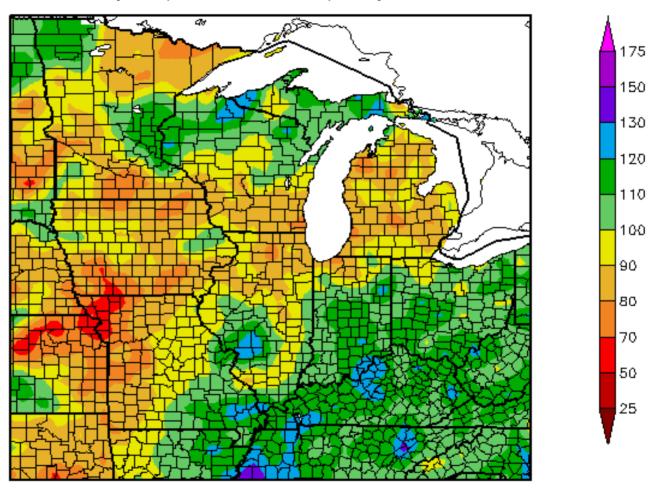
http://drought.unl.edu/dm

Author: Rich Tinker, NOAA/NWS/NCEP/CPC

Percent of Normal Precipitation (%) 11/11/2002 - 11/10/2003

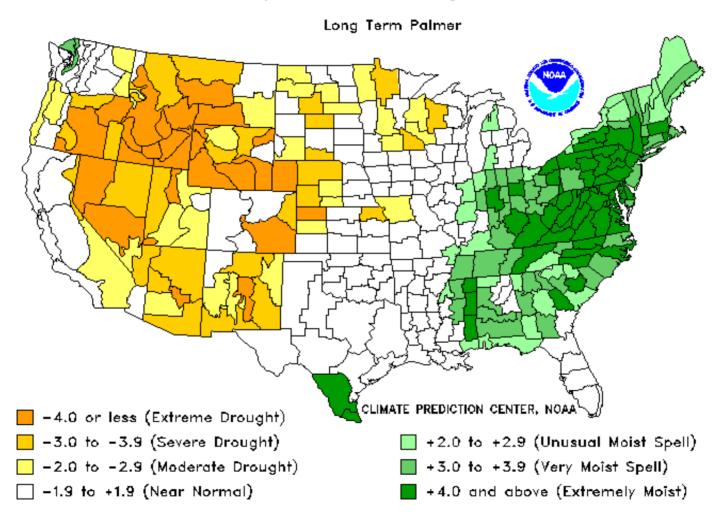


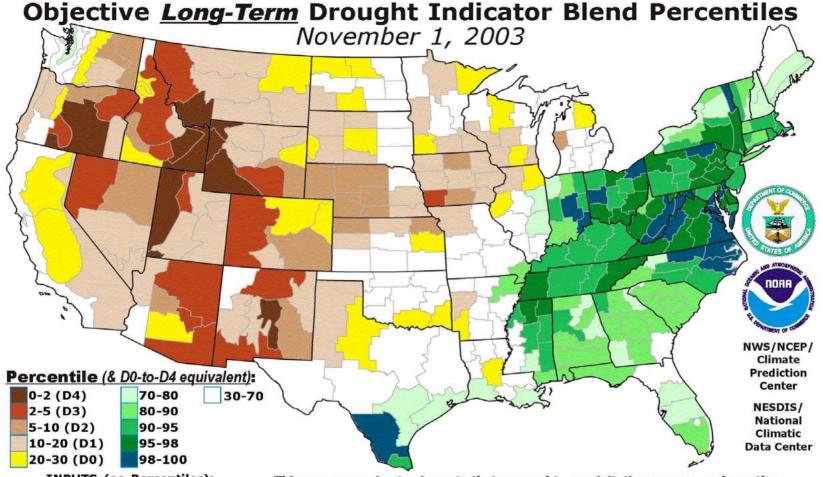
Percent of Normal Precipitation (%) 11/11/2001 - 11/10/2003



Drought Severity Index by Division

Weekly Value for Period Ending 8 NOV 2003

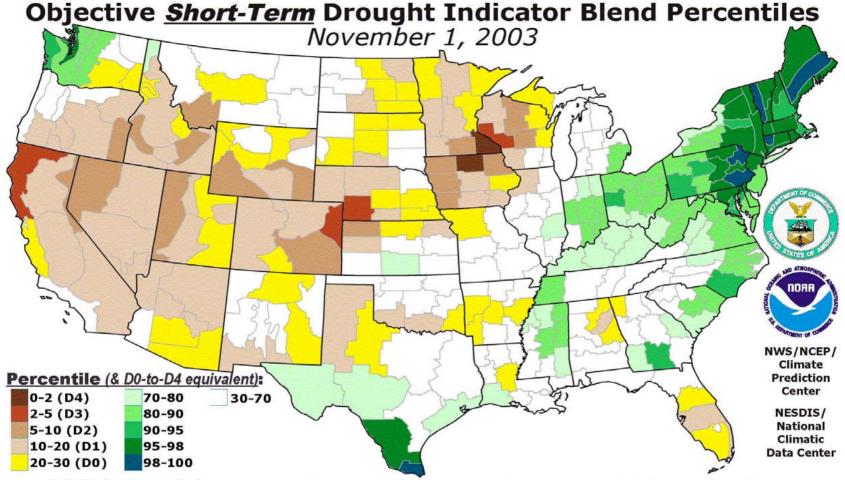




INPUTS (as Percentiles):

25% Palmer Hydrologic Index 20% 24-Month Precipitation 20% 12-Month Precipitation 15% 6-Month Precipitation 10% 60-Month Precipitation 10% CPC Soil Model This map approximates impacts that respond to precipitation over several months to a few years, such as reservoir content, groundwater depth, and lake levels.

This map is based on preliminary climate division data. Local conditions and/or final data may differ. The relationship between indicators and water supplies can vary markedly with location, season, source, and management practices. Do not interpret this map too literally. See full product description for more details.



INPUTS (as Percentiles):

35% Palmer Z-Index

25% 3-Month Precipitation

20% 1-Month Precipitation

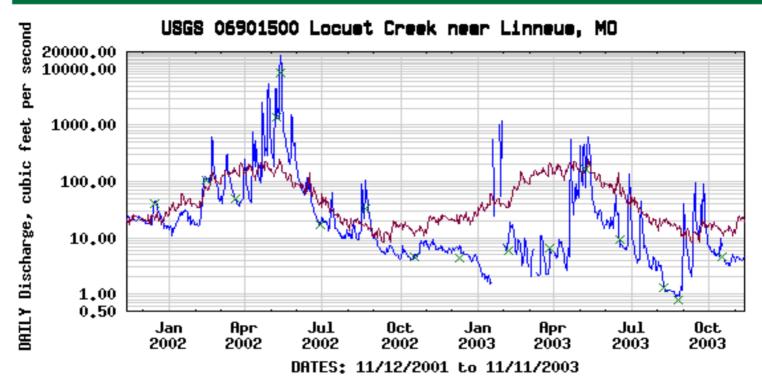
13% CPC Soil Model

7% Palmer Drought Index

This map approximates impacts that respond to precipitation over several days to a few months, such as agriculture, topsoil moisture, unregulated streamflows, and most aspects of wildfire danger.

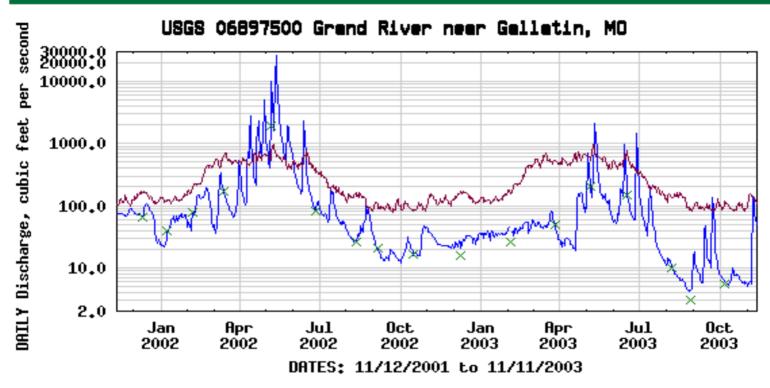
This map is based on preliminary climate division data. Local conditions and/or final data may differ. The relationship between indicators and impacts varies with location and season. Do not interpret this map too literally. See full product description for more details.





- DAILY MEAN DISCHARGE
- --- HEDIAN DAILY STREAMFLOW BASED ON 45 YEARS OF RECORD
- × MEASURED Discharge

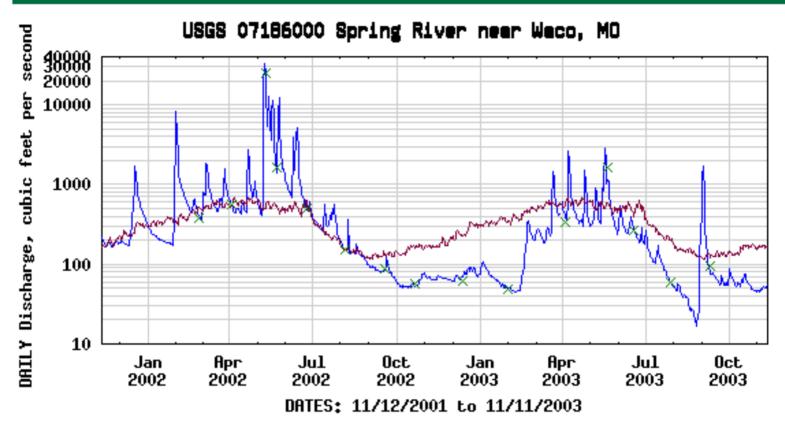




- DAILY MEAN DISCHARGE
- HEDIAN DAILY STREAMFLOW BASED ON 82 YEARS OF RECORD
- × MEASURED Discharge

Provisional Data Subject to Revision

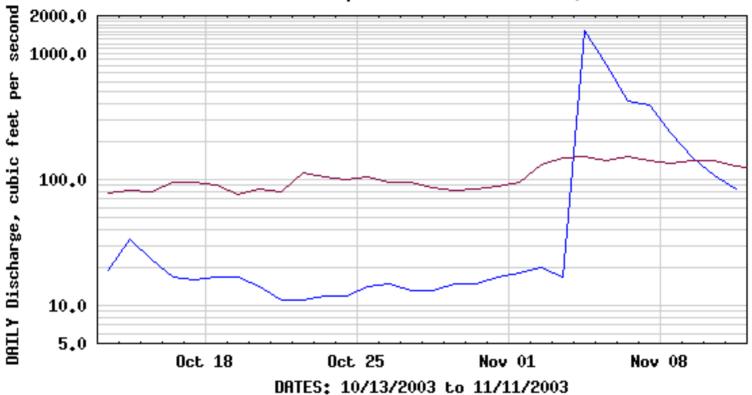




- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 78 YEARS OF RECORD
- × MEASURED Discharge

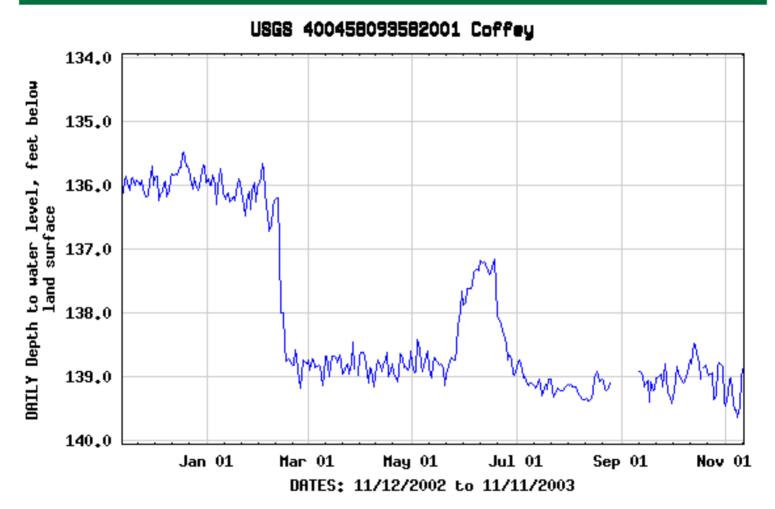






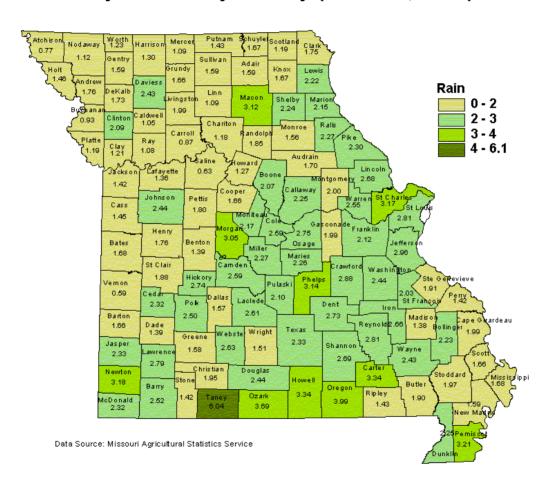
- DAILY MEAN DISCHARGE
- MEDIAN DAILY STREAMFLOW BASED ON 74 YEARS OF RECORD



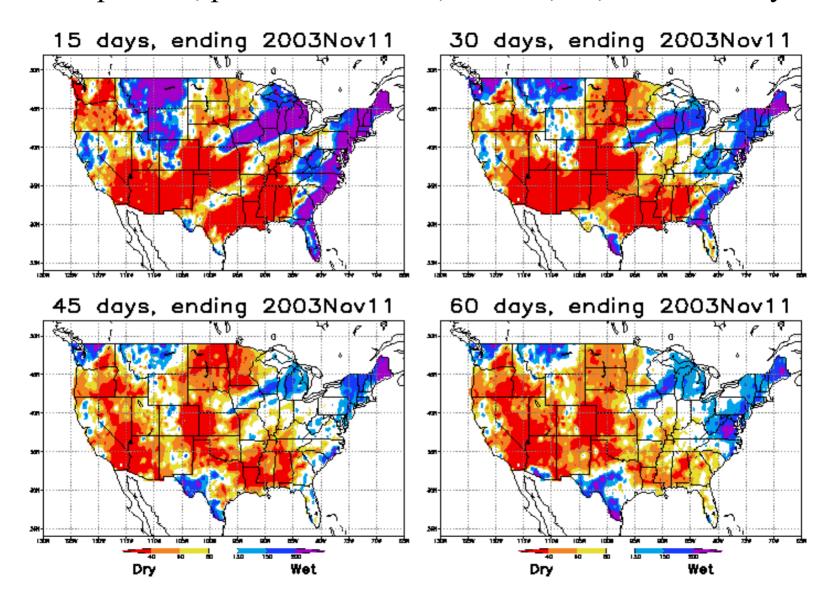


Provisional Data Subject to Revision

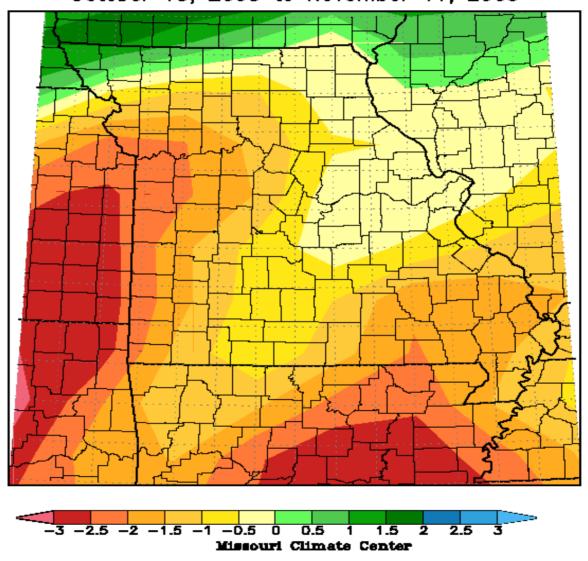
Monthly Rainfall by County (October, 2003)



Precipitation, percent of normal, Last 15, 30, 45 and 60days

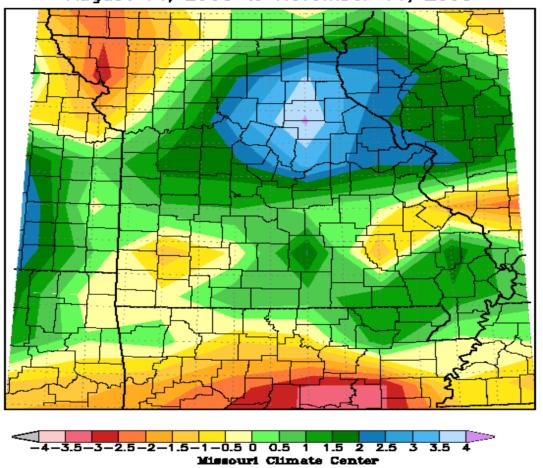


Total Precipitation Departure from Mean in Inches October 13, 2003 to November 11, 2003



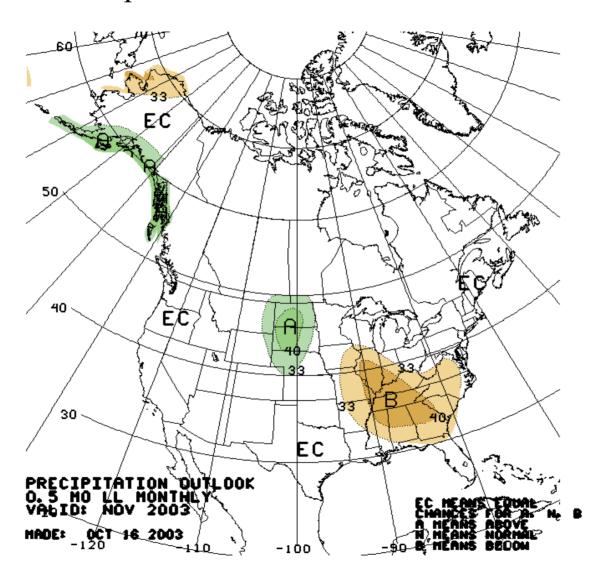
Columbia, Missouri

Total Precipitation Departure from Mean in Inches August 14, 2003 to November 11, 2003

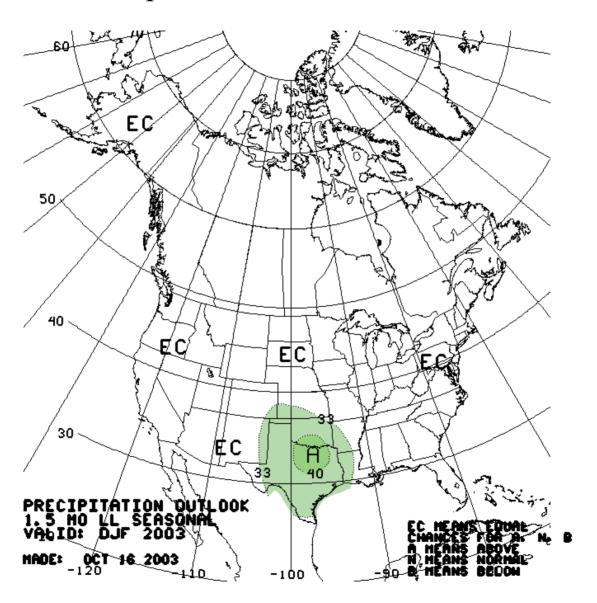


Columbia, Missouri

Precipitation outlook for November

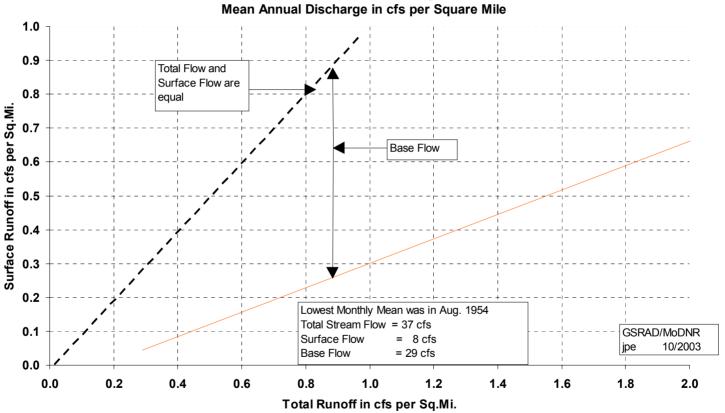


Precipitation outlook for DJF



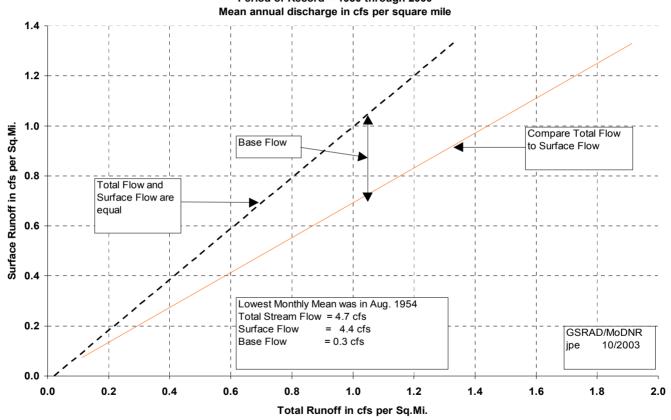
Shoal Creek

at Joplin, Mo.
Drainage Area = 427 Sq.Mi.
Period of Record 1950 through 2000



Thompson River

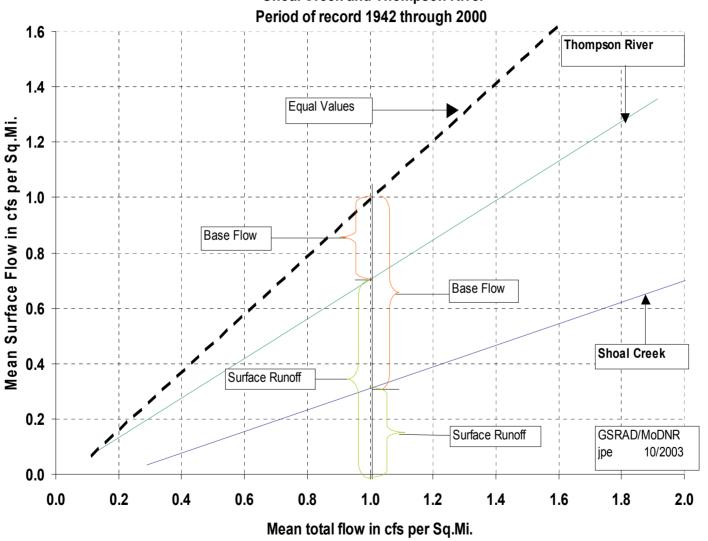
at Trenton, Mo.
Drainage area = 1670 Sq.Mi.
Period of Record = 1950 through 2000



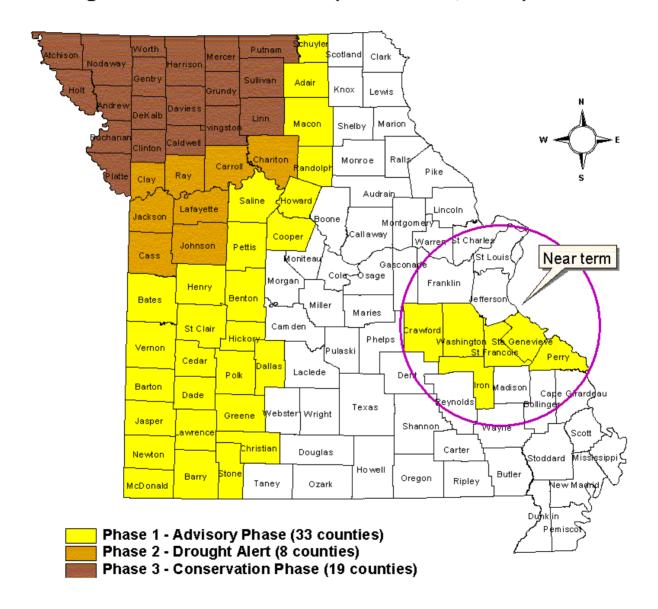
Base Flow Display

Annual Runoff

Shoal Creek and Thompson River



Drought Condition Status (October 9, 2003)



Recommanded Drought Status (November 12, 2003)

